Application No. 10/599,003 Docket No.: 20239/0204681-US0 Amendment dated December 9, 2008

In Response to September 24, 2008 Office Action

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims presented

in the application.

Claim 1 (Currently amended): A soft magnetic material used to make powder magnetic

cores comprising:

a plurality of composite magnetic particles formed from a metal magnetic particle

and an insulative coating surrounding a surface of said metal magnetic particle and

containing metallic salt phosphate and/or oxide as well as[[;]]

a lubricant formed as fine particles added at a proportion of at least 0.001 percent

by mass and no more than 0.1 percent by mass relative to said plurality of composite

magnetic particles; and

said lubricant formed as fine particles having a mean particle diameter of no more

than 2.0 microns.

Claim 2 (Canceled)

Claim 3 (Original): A soft magnetic material according to claim 1, wherein said lubricant

formed as fine particles includes a metallic soap and/or inorganic lubricant with a

hexagonal crystal structure.

Claim 4 (Previously presented): A soft magnetic material according to claim 1 wherein a

proportion of said lubricant formed as fine particles relative to said plurality of composite

magnetic particles is at least 0.001 percent by mass and no more than 0.025 percent by

mass.

Claim 5 (Previously presented): A soft magnetic material according to claim 1 further

comprising a thermoplastic resin interposed between said plurality of composite magnetic

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particles at a proportion of at least 0.001 percent by mass and nor more than 0.1 percent

by mass relative to said plurality of composite magnetic particles.

Claim 6 (Original): A powder magnetic core made using a soft magnetic material

according to claim 1.

Claim 7 (Original): A powder magnetic core according to claim 6 wherein a fill rate

(density) is at least 95 percent.

Claim 8: (New): A soft magnetic material according to claim 1, wherein said lubricant

formed as fine particles includes a metallic soap.

Claim 9: (New) A soft magnetic material used to make powder magnetic cores

comprising:

a plurality of composite magnetic particles formed from a metal magnetic particle

and an insulative coating surrounding a surface of said metal magnetic particle and

containing an oxide selected from the group consisting of silicon oxide, titanium oxide,

aluminum oxide and zirconium oxide or alloys thereof;

a lubricant formed as fine particles added at a proportion of at least 0.001 percent

by mass and no more than 0.1 percent by mass relative to said plurality of composite

magnetic particles; and

said lubricant formed as fine particles having a mean particle diameter of no more

than 2.0 microns.

Claim 10 (New): A soft magnetic material according to claim 9, wherein said lubricant

formed as fine particles includes a metallic soap and/or inorganic lubricant with a

hexagonal crystal structure.

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Claim 11 (New): A soft magnetic material according to claim 9 wherein a proportion of

said lubricant formed as fine particles relative to said plurality of composite magnetic

particles is at least 0.001 percent by mass and no more than 0.025 percent by mass.

Claim 12 (New): A soft magnetic material according to claim 9 further comprising a

thermoplastic resin interposed between said plurality of composite magnetic particles at a

proportion of at least 0.001 percent by mass and nor more than 0.1 percent by mass

relative to said plurality of composite magnetic particles.

Claim 13 (New): A powder magnetic core made using a soft magnetic material according

to claim 9.

Claim 14 (New): A powder magnetic core according to claim 13 wherein a fill rate

(density) is at least 95 percent.

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